



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4030-041
Job Sheet 188192



Part No: D4030-041

Job Qty: 1 pcs

Part Name: Long Basket Assembly (350)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/4/19

Job Tracking No:

Due Date: 3/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D4030 REV.D SHEETS 1,3,4 IPP Rev:A new issue DD 10.03.23 verified by:EC IPP Rev:B as per dwg revB DD 10.04.20 verified by:EC IPP Rev:C as per dwg revC DD 10.08.18 verified by:EC IPP Rev D 12.03.27 per NCR12-1239 EC verified by:JLM IPP REV:E 18.12.03 CHANGE BOLT LENGHT AS PER CAR18-281 (AN3-14A TO AN3-15A) DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Packaging 1 - Pick Kit	1 pcs		3/4/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		ML 19-3-27
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
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DART
AEROSPACE

Container No: S166982



Part: D4030-041

Job No: 188192

Serial No/Batch: S166982

Revision: D

Inspector:

Exp Date:

Instructions: Various STC's

Date: 03/27/19

					Packaging 1 - 30	
					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
110	Handfinish - 4-1-Assembly-B4B	1 pcs	3/4/19	0.00 1.03	Handfinish - 4 - 1 - B4B	HL 19-3-29
					Handfinish - 4 - 10 - B4B	
					Handfinish - 4 - 11 - B4B	
					Handfinish - 4 - 12 - B4B	
					Handfinish - 4 - 13 - B4B	
					Handfinish - 4 - 14 - B4B	
					Handfinish - 4 - 15 - B4B	
					Handfinish - 4 - 2 - B4B	
					Handfinish - 4 - 3 - B4B	
					Handfinish - 4 - 4 - B4B	
					Handfinish - 4 - 5 - B4B	
					Handfinish - 4 - 6 - B4B	
					Handfinish - 4 - 7 - B4B	
					Handfinish - 4 - 8 - B4B	
					Handfinish - 4 - 9 - B4B	
120	QC 5	1 pcs	3/4/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 38	
					QC 5 - 42	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	PD 19.03.29
					QC 5 - 50	
					QC 5 - 30	
130	Packaging 3-1 - Stock - B4B	1 pcs	3/4/19	0.00 0.00	Packaging 3 - 1 - B4B	DAS
					Packaging 3 - 2 - B4B	46 MAR 28 2019
					Packaging 3 - 3 - B4B	9-89
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	

Plex 2/5/19 9:56 AM Dart.Hadley.Shannon

				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	1 pcs	3/4/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

DAS
21 MAR 28 2019
9-35

Part Op 100 - (Pick Kit)
 Descriptions: 110 - (Assemble as per dwg)
 120 - (QC5- Inspect part completeness to step on W/O)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-15A	Bolt	4 Ea (4 ea)	100-Packaging 1 - Pick Kit	5149303-1
AN3-16A	Bolt	2 Ea (2 ea)	100-Packaging 1 - Pick Kit	5149288-1
AN310-4	Nut	3 Ea (3 ea)	100-Packaging 1 - Pick Kit	5129919
AN310C4	Nut	2 Ea (2 ea)	100-Packaging 1 - Pick Kit	5147530
AN4-12	Bolt	3 Ea (3 ea)	100-Packaging 1 - Pick Kit	5158305
AN5-17A	Bolt 5149141x3	4 Ea (4 ea)	100-Packaging 1 - Pick Kit	5161841
D2530	Handle Weldment	1 pcs (1 ea)	100-Packaging 1 - Pick Kit	5154034
D2535	Spring	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5123161
D2537	Bushing	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5157396
D3917-3	Washer	6 pcs (6 ea)	100-Packaging 1 - Pick Kit	5150033
D3953-17	Gas Spring Spacer	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5143335
D3953-19	Gas Spring Bracket	1 pcs (1 ea)	100-Packaging 1 - Pick Kit	5133690
D3953-21	Gas Spring Bracket	1 pcs (1 ea)	100-Packaging 1 - Pick Kit	5163194
D3953-3	Gas Spring Stud, Lid	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5124366
D3953-7	Spring Spacer	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5159218
D3953-9	Gas Spring Washer 514407(x1)	2 pcs (2 ea)	100-Packaging 1 - Pick Kit	5148603
D3969-3	Spring (Basket Lid)	1 Ea (1 ea)	100-Packaging 1 - Pick Kit	5157462-1
MS21042L3	Nut	6 Ea (6 ea)	100-Packaging 1 - Pick Kit	5149145
MS21042L5	Nut	4 Ea (4 ea)	100-Packaging 1 - Pick Kit	5144955
MS24665-151	Cotter Pin	3 Ea (3 ea)	100-Packaging 1 - Pick Kit	5157261
MS24665-300	Cotter Pin	2 Ea (2 ea)	100-Packaging 1 - Pick Kit	5050052-1
NAS1149C0432R	Washer	2 Ea (2 ea)	100-Packaging 1 - Pick Kit	5155976
NAS1149F0332P	Washer	8 Ea (8 ea)	100-Packaging 1 - Pick Kit	5152657
NAS1149F0432P	Washer	6 Ea (6 ea)	100-Packaging 1 - Pick Kit	5098031-2
NAS1149F0563P	Washer	4 Ea (4 ea)	100-Packaging 1 - Pick Kit	
D3913-041	Long Basket Base Assembly, 350	1 pcs (1 ea)	110-Handfinish - 4-1-Assembly-B4B	5166210
D3914-041	Long Basket Lid Assembly (350)	1 pcs (1 ea)	110-Handfinish - 4-1-Assembly-B4B	5166376

008922

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Packaging 1 - Pick Kit	AN3-15A	4	148	0
	AN3-16A	2	79	0
	AN310-4	3	118	0
	AN310C4	2	93	0
	AN4-12	3	94	0
	AN5-17A	4	187	0
	D2530	1	2	0
	D2535	2	49	0
	D2537	2	120	0
	D3917-3	6	74	0
	D3953-17	2	53	0
	D3953-19	1	41	0
	D3953-21	1	47	0
	D3953-3	2	67	0
	D3953-7	2	52	0
	D3953-9	2	43	0
	D3969-3	1	33	0
	MS21042L3	6	2,782	0
	MS21042L5	4	879	0
	MS24665-151	3	557	0
	MS24665-300	2	29	0
	NAS1149C0432R	2	1,493	0
	NAS1149F0332P	8	3,048	0
	NAS1149F0432P	6	616	0
	NAS1149F0563P	4	498	0
110-Handfinish - 4-1-Assembly-B4B	D3913-041	1	3	0
	D3914-041	1	18	0
Part Specifications				
Specifications could not be found.				

Plex 2/5/19 9:56 AM Dart.Hadley.Shannon



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Job Sheet 188192



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Job Qty: 1 ea

Part Name: Long Basket Assembly (350)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/4/19

Job Tracking No:

Due Date: 3/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D4030 REV.D SHEETS 1,3,4 IPP Rev:A new issue DD 10.03.23 verified by:EC IPP Rev:B as per dwg revB DD 10.04.20 verified by:EC IPP Rev:C as per dwg revC DD 10.08.18 verified by:EC IPP Rev D 12.03.27 per NCR12-1239 EC verified by:JLM IPP REV:E 18.12.03 CHANGE BOLT LENGHT AS PER CAR18-281 (AN3-14A TO AN3-15A) DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		3/4/19	0.00	0.00	Start Up Stores/Pkg-1		
100	Packaging	1 pcs		3/4/19	0.00	0.00	Packaging1-4		
110	HandFinish	1 pcs		3/4/19	0.00	1.03	HandFinish4		
120	QC	1 pcs		3/4/19	0.00	0.00	QC5		
130	Packaging	1 pcs		3/4/19	0.00	0.00	Packaging3-2		
140	QC21-SA	1 Ea		3/4/19	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-15A	Bolt	4 Ea (4 ea)	90-Start up Operation	
AN3-16A	Bolt	2 Ea (2 ea)	90-Start up Operation	
AN310-4	Nut	3 Ea (3 ea)	90-Start up Operation	
AN310C4	Nut	2 Ea (2 ea)	90-Start up Operation	
AN4-12	Bolt	3 Ea (3 ea)	90-Start up Operation	
AN5-17A	Bolt	4 Ea (4 ea)	90-Start up Operation	
D2530	Handle Weldment	1 pcs (1 ea)	90-Start up Operation	
D2535	Spring	2 pcs (2 ea)	90-Start up Operation	
D2537	Bushing	2 Ea (2 ea)	90-Start up Operation	
D3917-3	Washer	6 pcs (6 ea)	90-Start up Operation	
D3953-17	Gas Spring Spacer	2 pcs (2 ea)	90-Start up Operation	
D3953-19	Gas Spring Bracket	1 pcs (1 ea)	90-Start up Operation	
D3953-21	Gas Spring Bracket	1 pcs (1 ea)	90-Start up Operation	
D3953-3	Gas Spring Stud, Lid	2 Ea (2 ea)	90-Start up Operation	
D3953-7	Spring Spacer	2 pcs (2 ea)	90-Start up Operation	
D3953-9	Gas Spring Washer	2 pcs (2 ea)	90-Start up Operation	
D3969-3	Spring (Basket Lid)	1 Ea (1 ea)	90-Start up Operation	
MS21042L3	Nut	6 Ea (6 ea)	90-Start up Operation	
MS21042L5	Nut	4 Ea (4 ea)	90-Start up Operation	
MS24665-151	Cotter Pin	3 Ea (3 ea)	90-Start up Operation	
MS24665-300	Cotter Pin	2 Ea (2 ea)	90-Start up Operation	
NAS1149C0432R	Washer	2 Ea (2 ea)	90-Start up Operation	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Eng. (Non-AW) ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Water Jet ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Supplier Quality ☐</td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Water Jet ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐	Supplier Quality ☐																																
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Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)																																													
Description Work Order Deviation			Disposition																																														
			Completed By																																														
			Lead hand / Supervisor																																														
			QC / QA Coordinator																																														
Root Cause <table style="width: 100%;"> <tr><td>Operator</td><td>☐</td></tr> <tr><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td></tr> <tr><td>Handling/Preservation</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td></tr> <tr><td>Product Improvement</td><td>☐</td></tr> <tr><td>Process Improvement</td><td>☐</td></tr> <tr><td>Human Factors</td><td>☐</td></tr> </table>		Operator	☐	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Preservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐	FAULT CATEGORY <table style="width: 100%;"> <tr> <td>☐ Pressure/Forced</td> <td>☐ Contamination</td> <td>☐ Power Loss/Surge</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Bending</td> <td>☐ Misaligned/off center</td> <td>☐ Folio/Program</td> <td>☐ Outside Tolerance</td> </tr> <tr> <td>☐ Crushing</td> <td>☐ BOM/Route</td> <td>☐ Grain Direction</td> <td>☐ Drawing</td> </tr> <tr> <td>☐ Cracks</td> <td>☐ Broken/Damage/Defect</td> <td>☐ Weld</td> <td>☐ Finish</td> </tr> <tr> <td>☐ Crimp/Kink/Ripple/Wave/Twist</td> <td>☐ Incomplete/Unclear Instructions</td> <td>☐ Wrong Stock Pulled</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td>☐ Marks/Chatter</td> <td>☐ Drill Holes</td> <td>☐ Out of Sequence</td> <td>☐ Misread</td> </tr> <tr> <td>☐ Mislabeled</td> <td>☐ Fit/Function</td> <td>☐ Off-set/Set-up</td> <td></td> </tr> </table>				☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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Other/Details:																																																	

NAS1149F0332P	Washer	8 Ea (8 ea)	90-Start up Operation
NAS1149F0432P	Washer	6 Ea (6 ea)	90-Start up Operation
NAS1149F0563P	Washer	4 Ea (4 ea)	90-Start up Operation
D3913-041	Long Basket Base Assembly, 350	1 Ea (1 ea)	110-HandFinish
D3914-041	Long Basket Lid Assembly (350)	1 Ea (1 ea)	110-HandFinish

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-15A	4	42	0
	AN3-16A	2	51	0
	AN310-4	3	154	0
	AN310C4	2	55	0
	AN4-12	3	124	0
	AN5-17A	4	74	0
	D2530	1	8	0
	D2535	2	25	0
	D2537	2	5	0
	D3917-3	6	40	0
	D3953-17	2	33	0
	D3953-19	1	10	0
	D3953-21	1	33	0
	D3953-3	2	6	0
	D3953-7	2	53	0
	D3953-9	2	24	0
	D3969-3	1	17	0
	MS21042L3	6	2,545	0
	MS21042L5	4	265	0
	MS24665-151	3	81	0
	MS24665-300	2	50	0
	NAS1149C0432R	2	1,891	0
	NAS1149F0332P	8	2,556	0
	NAS1149F0432P	6	898	0
	NAS1149F0563P	4	564	0
110-HandFinish	D3913-041	1	2	0
	D3914-041	1	19	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
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